

CLAIMS

We claim:

1. (currently amended) A deformable container capable of being printed thereon and of being malleable subsequent to printing, with an antifreeze gel within said container, capable of being malleable below 32°F, and of cooling the skin of a user, comprising:
 - Water;
 - Antifreeze agent;
 - Gel forming agent;
 - Catalyst including inorganic salts and buffers;
 - Cross-linked polymer gel being generally hard, brittle, and transparent upon action of said catalyst; and,
 - a flexible transparent Container container enveloping said gel.
2. (currently amended) The deformable container with an antifreeze gel of claim 1 further comprising:
said gel forming agent arising from a two part reaction. The antifreeze agent of claim 1 and including at least one sweetener.
- 3-6. (cancelled)
7. (currently amended) The gel forming agent of claim 1 and including gums, said gums comprising agar, alginates, carageenan, cellulose gums, curdlan, chitosan, furcellaran, gelatin, gellan gum, guar gum, gum arabic, gum karaya, gum ghatti, gum tragacanth, konjac, pectin, pullulan, tara gum, locust bean gum, xanthan gum and mixtures thereof and wherein said gel is food grade.
8. (previously presented) The gel forming agent of claim 7 wherein the gums preferably include from about 0.05 to about 3.0 percent by weight of gel.
9. (currently amended) The gel forming agent of claim 7 wherein said carageenan includes iota carageenan and kappa carageenan with kappa carageenan being preferred composition of claim 1 further comprises one or more catalysts.
10. (currently amended) The composition of claim 19 wherein said the catalyst comprises from about 0.05 to about 2.0 percent by weight of gel.

11-12. (cancelled)

13. (currently amended) The composition of claim 1 wherein the cross-linked polymer gel forms from a ~~was made by~~ reaction between seaweed extracts and alkaline earth salt.

14. (currently amended) The composition of claim 13 wherein said seaweed extracts comprise one of sodium alginate, or propylene glycol alginate.

15. (previously presented) The composition of claim 13 wherein said seaweed extracts comprise sodium alginate.

16. (currently amended) The composition of claim 13 wherein said the alkaline earth salt is selected from the group consisting of calcium chloride, magnesium chloride.

17. (currently amended) The composition of claim 13 wherein said the alkaline earth salt comprises calcium chloride.

18. (currently amended) The composition of claim 1 wherein said buffers further comprises buffer agents are selected from the group consisting of potassium phosphate, potassium citrate, sodium citrate, and citric acid.

19. (cancelled)

20. (currently amended) The composition of claim 1 ~~wherein~~ further comprising a colorant.

21. (currently amended) The composition of claim 1 ~~wherein~~ further comprising at least one preservatives.

22. (currently amended) The composition of claim 21 wherein said the preservative is sodium benzoate.

23. (currently amended) The ~~container~~ composition of claim 1 ~~wherein further comprising said container including a~~ the mixture between of a thermoplastic elastomer including A-B-A triblock styrenic copolymer rubber and a plasticizer including with mineral oil and said container has the approval of the F.D.A; said container further including a filling stem having a relief portion proximate the surface of said container and said filling stem being sealed by an adhesive following insertion of said gel within said container.

24. (currently amended) The ~~container~~ composition of claim 1 wherein ~~said~~ the hardness of said container is below 30 A.
25. (currently amended) The ~~container~~ composition of claim 1 wherein ~~said~~ the elongation of said container exceeds ~~is larger than~~ 1100 %.
26. (currently amended) A deformable container with a gel within said container, comprising:
a transparent gel, said gel freezing below the freezing point of water; and, varied shapes of cross-linked polymer gel ~~are~~ suspended inside of said antifreeze gel.
27. (cancelled)
28. (currently amended) The ~~cross-linked polymer gel~~ composition of claim 24 ~~wherein~~ further comprising:
said cross-linked polymer gel having glow in the dark pigment.
29. (currently amended) The ~~cross-linked polymer gel~~ composition of claim 24 ~~wherein~~ further comprising:
said cross-linked polymer gel having a material that provides an effect selected from the group consisting of fluorescence, pearlescence, metallic appearance, glitters, and sparkle.
30. (currently amended) A container according to claim 1 wherein said container that ~~the substrate~~ can be printed with multi-color images by either screen printing ~~ed~~ or pad printing machine.
31. (currently amended) A transparent antifreeze gel, capable of being printed thereon and of being malleable subsequent to printing, capable of being malleable below 32°F, and of cooling the skin of a user, comprising:
about 20 – 80 per cent by weight of antifreeze agent;
about 0.05 - 3.0 per cent by weight of gel-forming agent;
about 40 – 60 per cent by weight of water;
about 0.05 – 2.0 per cent by weight of catalyst including inorganic salts;
about 0.05 – 2.0 per cent by weight of buffer agents; and,
about 0.5 – 2.0 per cent by weight of coloring agent.

32. (currently amended) A transparent antifreeze gel, capable of being printed thereon and of being malleable subsequent to printing, capable of being malleable below 32°F, and of cooling the skin of a user, comprising:
about 40 - 60 per cent by weight of sorbitol, wherein said sorbitol is food grade;
about 0.8 – 1.5 per cent by weight of carrageenan gum;
about 40 – 60 per cent by weight of water;
about 0.1 – 1.0 per cent by weight of potassium chloride;
about 0.1 – 1.0 per cent by weight of potassium citrate; and,
about 0.5 – 2.0 per cent by weight of coloring agent.